

ABSTRACT OF THE DISCLOSURE

A network relaying device is disclosed, wherein the buffer sizes of transmitting-side devices, a transmitting-side network relaying device, a receiving-side network relaying device for performing a relaying operation with the transmitting-side relaying device, and a receiving-side device are detected, and the minimum one of the buffer sizes thus detected is determined as a maximum transferable size by a determining unit. In accordance with this maximum transferable size, the maximum transferable size information for the transmitting-side devices is updated by an updating unit.